

09-27-01

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UTILITY PATENT APPLICATION TRANSMITTAL
(Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
 NTR-100US

Total Pages in this Submission
 61

TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application
 Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

SYSTEM AND METHOD FOR REFRIGERANT-BASED AIR CONDITIONING SYSTEM DIAGNOSTICS

and invented by:

Stephen A. Morgan

J1040 U.S. PTO
 09/963269
 09/26/01

If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: 60/236,831

Which is a:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____

Which is a:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____

Enclosed are:

Application Elements

1. Filing fee as calculated and transmitted as described below

2. Specification having 34 pages and including the following:
 - a. Descriptive Title of the Invention
 - b. Cross References to Related Applications (*if applicable*)
 - c. Statement Regarding Federally-sponsored Research/Development (*if applicable*)
 - d. Reference to Microfiche Appendix (*if applicable*)
 - e. Background of the Invention
 - f. Brief Summary of the Invention
 - g. Brief Description of the Drawings (*if drawings filed*)
 - h. Detailed Description
 - i. Claim(s) as Classified Below
 - j. Abstract of the Disclosure

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Application Elements (Continued)

3. Drawing(s) (*when necessary as prescribed by 35 USC 113*)
a. Formal b. Informal Number of Sheets 16
4. Oath or Declaration
 - a. Newly executed (*original or copy*) Unexecuted
 - b. Copy from a prior application (37 CFR 1.63(d)) (*for continuation/divisional application only*)
 - c. With Power of Attorney Without Power of Attorney
 - d. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application,
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. Incorporation By Reference (*usable if Box 4b is checked*)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. Computer Program in Microfiche
7. Genetic Sequence Submission (*if applicable, all must be included*)
 - a. Paper Copy
 - b. Computer Readable Copy
 - c. Statement Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

8. Assignment Papers (*cover sheet & documents*)
9. 37 CFR 3.73(b) Statement (*when there is an assignee*)
10. English Translation Document (*if applicable*)
11. Information Disclosure Statement/PTO-1449 Copies of IDS Citations
12. Preliminary Amendment
13. Acknowledgment postcard
14. Certificate of Mailing
 First Class Express Mail (*Specify Label No.:* EL 910364693US)

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Accompanying Application Parts (Continued)

15. Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
16. Small Entity Statement(s) - Specify Number of Statements Submitted: _____
17. Additional Enclosures (*please identify below*):

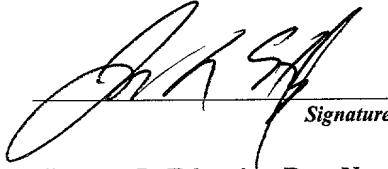
Fee Calculation and Transmittal

CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	47	- 20 =	27	x \$9.00	\$243.00
Indep. Claims	7	- 3 =	4	x \$40.00	\$160.00
Multiple Dependent Claims (check if applicable)	<input type="checkbox"/>				\$0.00
				BASIC FEE	\$355.00
OTHER FEE (specify purpose)					\$0.00
				TOTAL FILING FEE	\$758.00

- A check in the amount of \$758.00 to cover the filing fee is enclosed.
- The Commissioner is hereby authorized to charge and credit Deposit Account No. as described below. A duplicate copy of this sheet is enclosed.
 - Charge the amount of _____ as filing fee.
 - Credit any overpayment.
 - Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
 - Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: September 26, 2001



Signature

Jacques L. Etkowicz, Reg. No. 41,738
RATNER & PRESTIA
PO Box 980
Valley Forge, PA 19312
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cc:

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Stephen A. Morgan

Docket No.

NTR-100US

Serial No.
To Be AssignedFiling Date
HerewithExaminer
To Be AssignedGroup Art Unit
To Be AssignedInvention: **SYSTEM AND METHOD FOR REFRIGERANT BASED AIR CONDITIONING SYSTEM DIAGNOSTICS**

I hereby certify that the following correspondence:

**Postcard (1); Checks (2); Transmittal (3); Assignment (2); 1595 (1); Spec. & Claims (34); Dec/Poa (2); Drawings (16);
IDS (2); 1449(1); 1 reference***(Identify type of correspondence)*is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under
37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 onSeptember 26, 2001*(Date)***Kathleen Libby***(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)***EL 910364693US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**